Ward No. 05

BRUHAT BANGALORE MAHANAGARA PALIKE

MEASUREMENT SHEET

RA 1ST AND FINAL BILL

Name of work: Drilling of Borewells providing Pump, motos and laying pipeline in Ward No. 05 Sarrounding area byatarayanapura Sub Division

Estimated Cost : Rs. 30.00 Lakhs

Head of Account : P1771

Work Code 005-19-000037

Name of Agency: M/s. Kranthi Electricals, Sri H.V. Nagaraj, Contractor, Thirumala Complex, DVG Road, Bagepalli-561207

Work order No: BBMP/EE/BTP/WO/60/2019-20, Date: 15.07.2019

Measurements Recarded on :

SL. No	DESCRIPTIONS	NO	Length meters	Width 1 meters	width 2 meters	Average Width meters	Depth meters	Quntity	Unit / Rate in Rs.	Amount in Rs.
1	Geophysical investigation of site for sinking borewell for supplying drinking water to the habitation either through the hand pump, MWS or P.W.S.S. by vertical electrical sounding by adopting venner or schlumbergers's method, including reconnaissance survey of geological formation, Geological investigation of existing ground water in vicinity, its quality, quantity & acceptability of the users indicating the location of site, recommended depth of casing pipe required to seal the top unconsolidated formation including an extra depth of 1.0 mtr in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site, engaging technical personal and labour required								Each	
	Vinayakanagara 1st main 6th Cross							1		
	Agrahara Layout 4th main 9th Cross							1		
	Kattigenahalli Krishna Nagara 1st Cross							1		
	Shivapura							1		
	Qty as per Premeasurement Recorded vide E-MB Page No. is							4.00	2025.00	8100.00
2	Sinking of borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above 900 CMF & above in all strata including over budern upto 20 m. fixing of casing pipes, collars & cap with necessary cutting, threading & welding including transportation of rig and supporting vehicle, crew charges & cost of consumables etc., complete including yield testing at the final depth with minimum working of compressor for one hour(excluding cost of casing pipes, collars, cap etc.,) 0 to 50 m								Rmtr	
	Qty as per Premeasurement Recorded vide E-MB Page No. 2 is									
	Vinayakanagara 1st main 6th Cross	1	50					50.00		
	Agrahara Layout 4th main 9th Cross	1	50					50.00		
	Kattigenahalli Krishna Nagara 1st Cross	1	50					50.00		
	Shivapura	1	50					50.00		
								200.00	329.00	65800.00
3	Sinking of borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above 900 CMF & above in all strata including over budern upto 20 m. fixing of casing pipes, collars & cap with necessary cutting, threading & welding including transportation of rig and supporting vehicle, crew charges & cost of consumables etc , complete including yield testing at the final depth with minimum working of compressor for one hour(excluding cost of casing pipes, collars, cap etc.,) 50 to 100 m								Rmtr	

Scanned by CamScanner

Ward No. 05

SL. No	DESCRIPTIONS	NO	Length meters	Width 1 meters	width 2 meters	Average Width meters	Depth meters	Quntity	Unit / Rate in Rs.	Amount in Rs.
	Vinayakanagara 1st main 6th Cross	1	50					50.00		
	Agrahara Layout 4th main 9th Cross	1	50					50.00		
	Kattigenahalli Krishna Nagara 1st Cross	1	50					50.00		
	Shivapura	1	50					50.00		
								200.00	430.00	86000.00
	Sinking of borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above 900 CMF & above in all strata including over budern upto 20 m. fixing of casing pipes, collars & cap with necessary cutting, threading & welding including transportation of rig and supporting vehicle, crew charges & cost of consumables etc., complete including yield testing at the final depth with minimum working of compressor for one hour(excluding cost of casing pipes, collars, cap etc.,) 100 to 150 m								Rmtr	
	Vinayakanagara 1st main 6th Cross	1	50					50.00		
	Agrahara Layout 4th main 9th Cross	1	50					50.00		
	Kattigenahalli Krishna Nagara 1st Cross	1	50					50.00		
	Shivapura	1	50					50.00		
								200.00	478.00	95600.00
	Sinking of borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above 900 CMF & above in all strata including over budern upto 20 m. fixing of casing pipes, collars & cap with necessary cutting, threading & welding including transportation of rig and supporting vehicle, crew charges & cost of consumables etc., complete including yield testing at the final depth with minimum working of compressor for one hour(excluding cost of casing pipes, collars, cap etc.,) 150 to 200 m								Rmtr	
	Vinayakanagara 1st main 6th Cross	1	50					50.00		
	Agrahara Layout 4th main 9th Cross	1	50					50.00		
	Kattigenahalli Krishna Nagara 1st Cross	1	50					50.00		
	Shivapura	1	50					50.00		
								200.00	505.00	101000.00
	Sinking of borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above 900 CMF & above in all strata including over budern upto 20 m. fixing of casing pipes, collars & cap with necessary cutting, threading & welding including transportation of rig and supporting vehicle, crew charges & cost of consumables etc., complete including yield testing at the final depth with minimum working of compressor for one hour(excluding cost of casing pipes, collars, cap etc.,) 200 to 250 m								Rmtr	
	Vinayakanagara 1st main 6th Cross	1	50					50.00		
	Agrahara Layout 4th main 9th Cross	1	50					50.00		
	Kattigenahalli Krishna Nagara 1st Cross	1	50					50.00		
	Shivapura	1	50					50.00		
								200.00	585.00	117000.00
	Sinking of borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above 900 CMF & above in all strata including over budern upto 20 m. fixing of casing pipes, collars & cap with necessary cutting, threading & welding including transportation of rig and supporting vehicle, crew charges & cost of consumables etc., complete including yield testing at the final depth with minimum working of compressor for one hour(excluding cost of casing pipes, collars, cap etc.,) 250 to 300 m								Rmtr	
	Vinayakanagara 1st main 6th Cross	1	50					50.00		
	Agrahara Layout 4th main 9th Cross	1	50					50.00		
	Kattigenahalli Krishna Nagara 1st Cross	1	50					50.00		

Scanned by CamScanner

L. No	DESCRIPTIONS	NO	Length	Width 1	width 2	Average Width	Depth	Quntity	Unit / Rate in Rs.	Amount in Rs.
			meters	meters	meters	meters	meters			
	Shivapura	1	50					50.00		
								200.00	627.00	**125400.00**
	Sinking of borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above 900 CMF & above in all strata including over budern upto 20 m. fixing of casing pipes, collars & cap with necessary cutting, threading & welding including transportation of rig and supporting vehicle, crew charges & cost of consumables etc., complete including yield testing at the final depth with minimum working of compressor for one hour(excluding cost of casing pipes, collars, cap etc.,) 300 to 370 m								Rmtr	
	Vinayakanagara 1st main 6th Cross	1	69					69.00		
	Agrahara Layout 4th main 9th Cross	1	70					70.00		
	Kattigenahalli Krishna Nagara 1st Cross	1	68					68.00		
	Shivapura	1	70					70.00		
								277.00	649.00	**179773.00**
	Supplying of ISI Mark 175 mm nominal bore medium black ERW casing pipe of 5mm thick black electric resistance continous welded midle steel tube material confirming to IS 1387/1993 and manufactured from hot rolled steel skelp/stripes in random length of 4 to 7 mtr both ends threaded confirming to IS 554/1985 one end(including of all taxes) (P.NO-III, I.NO-84, PRED 12-13 SR)								Rmtr	
	Vinayakanagara 1st main 6th Cross	1	59.00					59.00		
	Agrahara Layout 4th main 9th Cross	1	61.00					61.00		
	Kattigenahalli Krishna Nagara 1st Cross	1	58.00					58.00		
	Shivapura	1	62.00					62.00		
								240.00	1426.00	**342240.00**
	Providing and fixing 250mm dia PVC pipe and as per specification and directions. (BWSSB SR 13-14, P No 53 I.no.1 of sl.no.11.)								Rmtr	
	Qty as per Premeasurement Recorded vide E-MB Page No. is									
	Vinayakanagara 1st main 6th	1	10.00					10.00		
	Agrahara Layout 4th main 9th	1	10.00					10.00		
	Kattigenahalli Krishna Nagara 1st	1	10.00					10.00		
	Shivapura	1	10.00					10.00		
								40.00	1183.00	**47320.00**
	175 mm dia M.S. Casing cap (P.NO-III, I.NO-85, PRED 12-13 SR)								Each	
	Qty as per Premeasurement Recorded vide E-MB Page No. 3 is									
	Vinayakanagara 1st main 6th	1						1.00		
	Agrahara Layout 4th main 9th	1						1.00		
	Kattigenahalli Krishna Nagara 1st	1						1.00		
	Shivapura	1						1.00		
								4.00	107.00	**428.00**
	M.S. Casing pipe collars 'C' Class (P.NO-III, I.NO-86, PRED 12-13 SR)								Each	
	Vinayakanagara 1st main 6th	1	9.00					9.00		
	Agrahara Layout 4th main 9th	1	9.00					9.00		
	Kattigenahalli Krishna Nagara 1st	1	9.00					9.00		
	Shivapura	1	9.00					9.00		
							Total Qty =	**36.00**	161.00	**5796.00**
3	Fabricating supplying and mounting MS box of 16 SWG suitable for floor / wall mounting, fully weather proof with provision for better hear description, (providing with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished 2 coats of red oxide primes paint and finally finished with approved colour enamelled metal paint etc,. complete box of 21600 sq cm (P.NO-530, I.NO-39 b, BWSSB SR 13-14)								sqm	
	Qty as per Premeasurement Recorded vide E-MB Page No. is									
	Vinayakanagara 1st main 6th Cross	1	1100	20.00				22000.00		
	Agrahara Layout 4th main 9th Cross	1	1100	20.00				22000.00		

Scanned by CamScanner

DESCRIPTIONS	NO	Length meters	Width 1 meters	width 2 meters	Average Width meters	Depth meters	Quntity	Unit / Rate in Rs.	Amount in Rs.
							22000.00		
Kattigenahalli Krishna Nagara 1st Cross	1	1100	20.00				22000.00		30800.00
Chamundi Layout Kattigenahalli	1	1100	20.00				88000.00	0.35	
Labour charges for erection of new /repaired submersible pumpset along with GI pipes (32/50mm) cable (new submersible pumpset if required will be supplied by the department free of cost and released pump set should be handed over to department) including transportation (each length = 6.00m) (P.No - 564, I.No - 3, BWSSB SR 13-14)								no	
Qty as per Premeasurement Recorded vide E-MB Page No. is							45.00		
Vinayakanagara 1st main 6th	1	45.00					45.00		
Agrahara Layout 4th main 9th	1	45.00					45.00		
Kattigenahalli Krishna Nagara 1st	1	45.00					45.00		
Chamundi Layout Kattigenahalli	1	45.00					180.00	94.00	16920.00
Erection of combined panel board meter board with all necessary materials and labour including providing CC 1:3:6 foundation bed etc,. Complete for basement out door type. (MR)								no	
Qty as per Premeasurement Recorded vide E-MB Page No. is							4.00		
Vinayakanagara 1st main 6th	1						1.00		
Agrahara Layout 4th main 9th	1						1.00		
Kattigenahalli Krishna Nagara 1st	1						1.00		
Chamundi Layout Kattigenahalli	1						1.00		
							4.00	496.00	1984.00
Supplying and fixing of Porcelain fuse channel with cut out on existing wooden / panel using necessary nuts, bolts and washer etc., complete.... P No. 32/I No 3b KPWD Electrical SR 2010-11								no	
Qty as per Premeasurement Recorded vide E-MB Page No. is							3.00		
Vinayakanagara 1st main 6th	1	3.00					3.00		
Agrahara Layout 4th main 9th	1	3.00					3.00		
Kattigenahalli Krishna Nagara 1st	1	3.00					3.00		
Chamundi Layout Kattigenahalli	1	3.00					12.00	156.00	1872.00
Supplying and laying of L.T.U.G Cable having aluminiumconductor PVC insulated shethed galvanised steel wire/ steel tape armoured cable with PVC outer sheathing 1.1 KV class 4 core 16 sqmm cable (confirming to IS 1554) (P.NO - 553, I.NO - 10 (d), BWSSB SR 13-14)								mtr	
Qty as per Premeasurement Recorded vide E-MB Page No. is							30.00		
Vinayakanagara 1st main 6th	1	30.00					29.00		
Agrahara Layout 4th main 9th	1	29.00					28.00		
Kattigenahalli Krishna Nagara 1st	1	28.00					33.00		
Chamundi Layout Kattigenahalli	1	33.00					120.00	177.00	21240.00
Digging of trenches of 0.6mm x 0.50 Mtrs wide refilling the trench to the required ground level and consolidating etc,. Complete sutting road surfaces (P.NO - 554, I.NO - 12 (b), BWSSB SR 13-14)								mtr	
Qty as per Premeasurement Recorded vide E-MB Page No. is									
Vinayakanagara 1st main 6th Cross	1	30.00					30.00		
Agrahara Layout 4th main 9th Cross	1	29.00					29.00		
Kattigenahalli Krishna Nagara 1st Cross	1	28.00					28.00		
Chamundi Layout Kattigenahalli	1	33.00					33.00		
							120.00	59.00	7080.00
Supplying and fixing Class-A GI Pipe on pole/ wall/drain crossing with necessary clamping arrangements for UG Cable of 1.1 KV class 40mm (P.NO - 555, I.NO - 15 (b), BWSSB SR 13-14)								mtr	
Qty as per Premeasurement Recorded vide E-MB Page No. is									
Vinayakanagara 1st main 6th Cross	1	3.00					3.00		
Agrahara Layout 4th main 9th Cross	1	3.00					3.00		
Kattigenahalli Krishna Nagara 1st Cross	1	3.00					3.00		
Chamundi Layout Kattigenahalli	1	3.00					3.00		
							12.00	307.00	3684.00

Scanned by CamScanner

DESCRIPTIONS	NO	Length meters	Width 1 meters	width 2 meters	Average Width meters	Depth meters	Quntity	Unit / Rate in Rs.	Amount in Rs.
Supplying and fixing wiring earth electrode for grounding conduits, IC cutouts and other equipments on the meter board using 40mm dia 2.90 mm thick GI pipe 2.5 mtr long buried in a pit,/ the pit should be filled with equal proportion of salt and charocal 150 mm alround the pipe to complete depth the connections from the pipe to the conduit etc,. is to be established though GI wire of size as per ISI specification 7.3.3 of ISI 732 using 12mm dia boalts, nuts washers and checknuts etc,. the pipe shall have 16 through holes of 122mm dia (P.NO - 552, I.NO - 7 , BWSSB SR 13-14)								No	
Qty as per Premeasurement Recorded vide E-MB Page No. is									
Vinayakanagara 1st main 6th Cross	1						1.00		
Agrahara Layout 4th main 9th Cross	1						1.00		
Kattigenahalli Krishna Nagara 1st Cross	1						1.00		
Chamundi Layout Kattigenahalli	1						1.00		
							4.00	1775.00	7100.00
Supply and fixing LT cast iron pot heads suitable for 1.1 KV class 16 sqmmUG cable filled with necessary bitumen/ insulating compound complete with terminals, clamps, bolts nuts and washers etc, (P.NO - 555, I.NO - 16 (b) , BWSSB SR 13-14)								no	
Qty as per Premeasurement Recorded vide E-MB Page No. is									
Vinayakanagara 1st main 6th Cross	1						1.00		
Agrahara Layout 4th main 9th Cross	1						1.00		
Kattigenahalli Krishna Nagara 1st Cross	1						1.00		
Chamundi Layout Kattigenahalli	1						1.00		
							4.00	284.00	1136.00
Supplying and fixing of polished wood board made of not less than 15mm thick plank on both sides with planks made out on not more than 2 pieces and fixing the same to wall using tapered inverted wooden plugs screws etc., Size 20 x 20 x 2.5 inches (P.NO - 521, I.NO - 2 (f), BWSSB SR 13-14)								no	
Qty as per Premeasurement Recorded vide E-MB Page No. is									
Vinayakanagara 1st main 6th	1						1.00		
Agrahara Layout 4th main 9th Cross	1						1.00		
Kattigenahalli Krishna Nagara 1st Cross	1						1.00		
Chamundi Layout Kattigenahalli	1						1.00		
							4.00	325.00	1300.00
Borewell Cap and Clamp Set (PWD SR 2018-19, Page No. XLVII, Sl nO. 17)								set	
Qty as per Premeasurement Recorded vide E-MB Page No. is									
Vinayakanagara 1st main 6th	1						1.00		
Agrahara Layout 4th main 9th	1						1.00		
Kattigenahalli Krishna Nagara 1st	1						1.00		
Chamundi Layout Kattigenahalli	1						1.00		
							4.00	1881.00	7524.00
Supply & delivery at site brand new texmo/innoval/lubi/sabar /Atalanta/calamal/ waterman/Radha make suitable HP deep well submercible pumpset suitable for vertical installation in 150 dia borewells compressing of single stage or multistage CF pump close coupled by means of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water squirrel cagesubmercible induction motor suitable for operation of 3Ph, 50Hz.380/440 volts AC supply fitted with required accessories such as suction, casing, suction strainers, sand guard. Non return valve etc complete the pump and motor shall from an integral unit with all the required fittings 17.50 HP 30 stage (P.NO-XXXXIII, I.NO-34, PWD SR 18-19)								no	
Qty as per Premeasurement Recorded vide E-MB Page No. is									
17.5HP 30 stage									
Vinayakanagara 1st main 6th	1						1.00		
Agrahara Layout 4th main 9th	1						1.00		
Kattigenahalli Krishna Nagara 1st	1						1.00		

Scanned by CamScanner

DESCRIPTIONS	NO	Length meters	Width 1 meters	width 2 meters	Average Width meters	Depth meters	Quntity	Unit / Rate in Rs.	Amount in Rs.
Chamundi Layout Kattigenahalli	1						1.00		
							4.00	75371.00	301484.00
Providing, laying & jointing GI pipes confirming to IS specification of approved make with fittings such as collars bends elbows tees nipples plugs with cuts threads using white lead & threads for joints wherever necessary as per direction including all lead & lift etc,. complete 'A' grade(excluding cost of fittings) 50mm dia GI pipe B Class (SR 18-19 PWD, P.No.XLVII Sl.no. 1								rmtr	
Qty as per Premeasurement Recorded vide E-MB Page No. is									
Vinayakanagara 1st main 6th	56	6.00					336.00		
Agrahara Layout 4th main 9th	53	6.00					318.00		
Kattigenahalli Krishna Nagara 1st	58	6.00					348.00		
Chamundi Layout Kattigenahalli	56	6.00					336.00		
							1338.00	433.00	579354.00
Supply and fixing Collar for GI Pipes 50MM (Page No. XLVII, Sl NO.2, PWD SR-2018-19								no	
Qty as per Premeasurement Recorded vide E-MB Page No. is									
Vinayakanagara 1st main 6th	56						56.00		
Agrahara Layout 4th main 9th	53						53.00		
Kattigenahalli Krishna Nagara 1st	58						58.00		
Chamundi Layout Kattigenahalli	56						56.00		
							223.00	188.00	41924.00
Supplying of submersible pump cable 1X3X6..0 Sq.mm (Page No. XLVII, Sl NO. 8, PWD SR-2018-19								mtr	
Qty as per Premeasurement Recorded vide E-MB Page No. is									
Vinayakanagara 1st main 6th	1	740.00					740.00		
Agrahara Layout 4th main 9th	1	705.00					705.00		
Kattigenahalli Krishna Nagara 1st	1	740.00					740.00		
Chamundi Layout Kattigenahalli	1	735.00					735.00		
							2920.00	150.00	438000.00
Supplying & delivery at site brand new / Essen / Lotus sunsines/Adarsh/ Gk controls best indigenous make combine energy meter-cum-control panel board unit of size 1200 x 600 x 300 mm minimum mechanically strong and vermin and water proof the unit shall have two detachable doors suitable for operation on 3ph, 50Hz, 380/440 volts, AC supply with spring loaded latch locking with a key ribs should be provided inside the door , canopy apron and louvers ventilators shall be provided the combine energy mtr cum control panel board unit suitable for operation on 3ph, 50Hz, 380/440 AC supply shall be consisted etc,. completed T panel board shall be fabricated on single unit in the above components panel board for suitable pumpset above components panel board for suitable pumpset above Up to 20HP with star delta starter (MR) Page No. XLVII, Sl NO. 13, PWD SR 2018-19									no	
Vinayakanagara 1st main 6th	1						1.00		
Agrahara Layout 4th main 9th	1						1.00		
Kattigenahalli Krishna Nagara 1st	1						1.00		
Chamundi Layout Kattigenahalli	1						1.00		
							4.00	21945.00	87780.00
Supplying & delivery of brand 50mm Gate Valve. (PWD SR 18-19, P.NO.XLVII Sl.no, 15								no	
Qty as per Premeasurement Recorded vide E-MB Page No. is									
Vinayakanagara 1st main 6th	1						1.00		
Agrahara Layout 4th main 9th	1						1.00		
Kattigenahalli Krishna Nagara 1st	1						1.00		
Chamundi Layout Kattigenahalli	1						1.00		
							4.00	1881.00	7524.00
Supplying & delivery of brand 50mm Non Return Valve. (PWD SR 18-19, P.NO.XLVII Sl.no, 16								no	
Qty as per Premeasurement Recorded vide E-MB Page No. is									
Vinayakanagara 1st main 6th	1						1.00		
Agrahara Layout 4th main 9th	1						1.00		
Kattigenahalli Krishna Nagara 1st	1						1.00		
Chamundi Layout Kattigenahalli	1						1.00		

Scanned by CamScanner

Ward No 05

DESCRIPTIONS	NO	Length meters	Width 1 meters	width 2 meters	Average Width meters	Depth meters	Quntity	Unit / Rate in Rs.	Amount in Rs.
Supplying and fixing MCB (P NO - XLVII, SL NO - 19, PWD SR 18-19)							4.00	1881.00 mtr	7524.00
Qty as per Premeasurement Recorded vide E-MB Page No is							1.00		
Vinayakanagara 1st main 6th Cross	1						1.00		
Agrahara Layout 4th main 9th Cross	1						1.00		
Kattigenahalli Krishna Nagara 1st Cross	1						1.00		
Chamundi Layout Kattigenahalli	1						4.00	940.00 no	3760.00
GI Pipe 40mm A Class, for Electrical Pole (P NO - XLVII, SL NO - 20, PWD SR 18-19)							8.00	418.00 no	3344.00
Qty as per Premeasurement Recorded vide E-MB Page No is							2.00		
Vinayakanagara 1st main 6th Cross	1	2.00					2.00		
Agrahara Layout 4th main 9th Cross	1	2.00					2.00		
Kattigenahalli Krishna Nagara 1st Cross	1	2.00					2.00		
Chamundi Layout Kattigenahalli	1	2.00					8.00		
Pot Head (P NO - XLVII, SL NO - 21, PWD SR 18-19)							4.00	376.00	1504.00
Qty as per Premeasurement Recorded vide E-MB Page No is							1.00		
Vinayakanagara 1st main 6th	1						1.00		
Agrahara Layout 4th main 9th	1						1.00		
Kattigenahalli Krishna Nagara 1st	1						1.00		
Chamundi Layout Kattigenahalli	1						4.00		
Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in Ordinary soil not exceeding 1.5 m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m after breaking of clods complete as per specifications (P NO - 6, I NO - 2.3, PWD SR 18-19)							72.00	cum	
Qty as per Premeasurement Recorded vide E-MB Page No. is							13.50		
Vinayakanagara 1st main 6th Cross	1	30.00	0.60	0.75			6.75		
	1	15.00	0.60	0.75			13.50		
Agrahara Layout 4th main 9th	1	30.00	0.60	0.75			4.50		
	1	10.00	0.60	0.75			13.50		
Kattigenahalli Krishna Nagara 1st	1	30.00	0.60	0.75			3.60		
	1	8.00	0.60	0.75			13.50		
Chamundi Layout Kattigenahalli	1	30.00	0.60	0.75			3.15		
	1	7.00	0.60	0.75			72.00	331.00	23832.00
Providing and installing at site of work 63mm (0.662) PVC Pipes of 6 kg / cm2 including cost of pipes and specials and labour, including lowering into trenches, laying true to line, level and perfect linking at joints leak proof including jointing of approved type with all labour and lift charges, handling charges including encasing the pipe alround to a depth not less than 15cms with gravel or selected earth available from the excavation etc , complete (P NO - 94, I NO - 13.73.2, PWD SR 18-19)								mtr	
Qty as per Premeasurement Recorded vide E-MB Page No is							30.00		
Vinayakanagara 1st main 6th Cross	1	30.00					15.00		
	1	15.00					30.00		
Agrahara Layout 4th main 9th	1	30.00					10.00		
	1	10.00					30.00		
Kattigenahalli Krishna Nagara 1st	1	30.00					8.00		
	1	8.00					30.00		
Chamundi Layout Kattigenahalli	1	30.00							

Scanned by CamScanner

Ward No. 05

al Bill

DESCRIPTIONS	NO	Length	Width 1	width 2	Average Width	Depth	Quntity	Unit / Rate in Rs.	Amount in Rs.
		meters	meters	meters	meters	meters			
	1	7.00					**7.00**		
							160.00	412.00	**65920.00**
Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m and lift upto 1.5m including cost of all labour complete as per specifications (P.NO - 7, I.NO - 2.11, PWD SR 18-19)								cum	
Qty as per Premeasurement Recorded vide E-MB Page No is									
Vinayakanagara 1st main 6th Cross	1	30.00	0.60	0.75			**13.50**		
Agrahara Layout 4th main 9th	1	15.00	0.60	0.75			**6.75**		
	1	30.00	0.60	0.75			**13.50**		
	1	10.00	0.60	0.75			**4.50**		
Kattigenahalli Krishna Nagara 1st	1	30.00	0.60	0.75			**13.50**		
	1	8.00	0.60	0.75			**3.60**		
Chamundi Layout Kattigenahalli	1	30.00	0.60	0.75			**13.50**		
	1	7.00	0.60	0.75			**3.15**		
							72.00		**9648.00**
Sub total									**2846695.00**
Bescom Deposits									
Vinayakanagara 1st main 6th Cross									
For Application Fee	1.00	100							100.00
For BESCOM Deposit	1.00	13710							13710.00
For MSD Fees	1.00	2211							2211.00
Agrahara Layout 4th main 9th Cross									
For Application Fee	1.00	100							100.00
For BESCOM Deposit	1.00	13710							13710.00
For MSD Fees	1.00	2211							2211.00
Kattigenahalli Krishna Nagara 1st Cross									
For Application Fee	1.00	100							100.00
For BESCOM Deposit	1.00	13710							13710.00
For MSD Fees	1.00	2211							2211.00
Total BESCOM Dept									**48063.00**
						Total		=	**2894758.00**

13/1/2020

Assistant Engineer

13/1/2020

Assistant Executive Engineer
Byatarayanapura Sub Division,

Scanned by CamScanner